

ABSTRACT OF THE DISCLOSURE

A multi-section roll-up curtain is raised and lowered by plural support/rotational drive mechanisms disposed in a spaced manner along the length of the curtain. Each drive mechanism is symmetrically loaded with a curtain section attached to opposed sides of each drive mechanism. Each curtain section includes plural vertically spaced curtains which are simultaneously rolled-up and unrolled. Each drive mechanism includes plural vertically spaced drive motors each connected to first and second curtain-bearing roll-up tubes disposed on opposite sides of a drive motor. A generally vertical guide member is coupled to each drive motor by means of a respective carriage assembly allowing the drive motors to travel up in rolling up the curtains and down in unrolling the curtains. This arrangement accommodates the large torques encountered in operating long curtain sections permitting multi-section curtains 600' and longer in length to be reliably and safely operated without using large, powerful motors.